



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4728-061
Job Sheet 167855



Part No: D4728-061

Job Qty: 10 ea

NOV 07 2017

Part Name: Cabin Lights Control Relay



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/7/17

Job Tracking No:

Due Date: 11/10/17

Created By: Diane Baker

Type: Stock

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea	11/10/17	11/10/17	0.00	0.00	Start up container		
110	Purchasing	10 pcs	11/10/17	11/10/17	0.00	0.00	Purchasing		D A D 7
120	Packaging	10 pcs	11/10/17	11/10/17	0.00	0.00	Packaging2		S P A D 7
130	QC	10 pcs	11/10/17	11/10/17	0.00	0.00	QC4 Qcl		38
140	Packaging	10 pcs	11/10/17	11/10/17	0.00	0.00	Packaging3		38
150	QC21-SA	10 Ea	11/10/17	11/10/17	0.00	0.00	QC21		DEC 18 2017

Part Op 110 - Issue P/O to Eagle : *Pb 03878* Manufacture as per dwg Certificate of conformity required
Descriptions: 120 - Receive & Inspect for Damage & Mat'l Certs Inspect and check certificate of conformity
130 - QC4- 100% Inspect kits for completeness
140 - Identify as per dwg & Stock Location: *A P O P*
150 - QC21- Final Inspection - Work Order Release

NOV 07 2017
WJ3

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	D4728-061P	10	0	0	0

Part Specifications

Specifications could not be found.

DART
AEROSPACE
S018436

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Cabin Lights Control Relay

PART NO: D4728-061

Revision:

Operation: Purchasing

Change No:

Mfg Date: 12/07/17

Job No: 167855

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

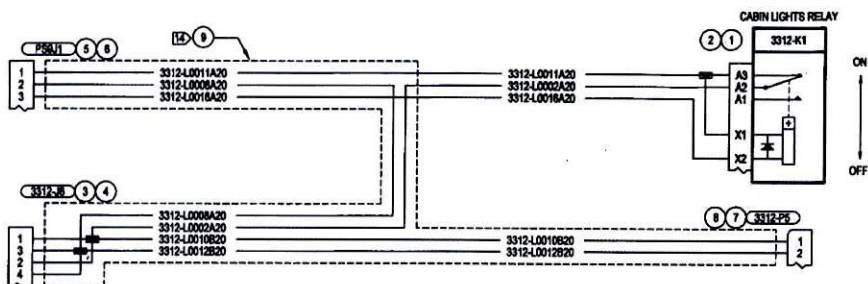
QA Closed: _____ Date: _____

Work Order update only ☐

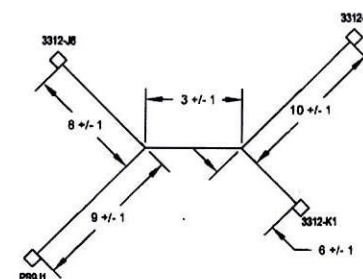
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :					
Misidentified ☐	Past Due ☐						

LIST OF MATERIALS				
QTY PER	ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
1	1	M83538/2-024M	RELAY	
1	2	M12883/45-01	RELAY BASE	
1	3	1-480424-0	CONNECTOR	TYCO ELECTRONICS
A/R (4)	4	60617-1	CONTACTS	TYCO ELECTRONICS
1	5	350781-1	CONNECTOR	TYCO ELECTRONICS
A/R (3)	6	350690-3	CONTACTS	TYCO ELECTRONICS
1	7	1-480305-0	CONNECTOR	TYCO ELECTRONICS
A/R (2)	8	60618-1	CONTACTS	TYCO ELECTRONICS
A/R (26)	9	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-061 CABIN LIGHTS CONTROL RELAY HARNESS ASSY.



D4728-061 CABIN LIGHTS CONTROL RELAY HARNESS VIEW

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-XX-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-XX-TG&T14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

RELEASED
2014-01-22
WIP

DESIGN	DA	DART AEROSPACE LTD	
DRAWN	DA	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DA	DRAWING NO.	REV. D
MFG. APPR.	lj	D4728	SHEET 14 OF 15
APPROVED	DA	TITLE	SCALE
DE APPR.	DA	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRELIMINARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038184

Items													
Line Item	Part	Rev	Supplier Part No	Item No	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	D4728-051P	-			Cabin Lights #1		Firmed	11/24/17	10 pcs	0 pcs	10 pcs	\$80.94/pcs	\$809.40
Line Item Note As Per Dwg D4728-051 Rev. D job# 167846													
8	D4728-053P	-			Cabin Lights #2		Firmed	11/24/17	10 pcs	0 pcs	10 pcs	\$81.43/pcs	\$814.30
Line Item Note As Per Dwg D4728-053 Rev. D job# 167847													
9	D4728-055P	-			Cabin Lights #3		Firmed	11/24/17	4 pcs	0 pcs	4 pcs	\$81.26/pcs	\$325.04
Line Item Note As Per Dwg D4728-055 Rev. D job# 167848													
10	D4728-057P	-			Ps7J1 Jumper		Firmed	11/24/17	4 pcs	0 pcs	4 pcs	\$33.27/pcs	\$133.08
Line Item Note As per Dwg D4728-057 Rev. D job# 167853													
11	D4728-059P	-			Cabin Lights Harness		Firmed	11/24/17	10 pcs	0 pcs	10 pcs	\$130.73/pcs	\$1,307.30
Line Item Note As Per Dwg D4728-059 Rev. D job# 167854													
12	D4728-061P	-			Cabin Lights Control Relay		Firmed	11/24/17	10 pcs	0 pcs	10 pcs	\$528.70/pcs	\$5,287.00
Line Item Note As Per Dwg D4728-061 Rev. D job# 167855													
13	D4728-063P	-			Cabin Temp Sensor Jumper Assembly		Firmed	11/24/17	6 pcs	0 pcs	6 pcs	\$30.68/pcs	\$184.08
Line Item Note As Per Dwg D4728-063 Rev. D job# 167862													
												Grand Total: \$19,416.74	

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS



WORLDWIDE FLEET MANAGEMENT

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

Telephone: (403) 250-7370

November 21, 2017

Fax: (403) 250-7110

Shipment number: SH#17-003564

Ship Via: FEDEX ECONOMY

Ship To: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Phone: (613)632-5200

Waybill: 770809489835

Phone: (613)632-5200		Item Part / Tool Number	Part / Tool Description	Current Location	Qty UOM	Serial Number	Lot Number/Tool ID
		1 D4728-041P	LH CABIN SPEAKER #1	Shipping Area	20 Each		LT-17-012099.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.001							
		2 D4728-044P	RH CABIN SPEAKER #2	Shipping Area	10 Each		LT-17-012050.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.002							
		3 D4728-045P	LH CABIN SPEAKER #3	Shipping Area	15 Each		LT-17-011997.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.003							
		4 D4728-046P	RH Cabin Speaker #3	Shipping Area	10		LT-17-012068.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.004							
		5 D4728-051P	CABIN LIGHTS #1	Shipping Area	10 Each		LT-17-012218.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.007							
		6 D4728-053P	CABIN LIGHTS #2	Shipping Area	10 Each		LT-17-012206.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.008							
		7 D4728-055P	CABIN LIGHTS #3	Shipping Area	4 Each		LT-17-012207.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.009							
		8 D4728-057P	PS7J1 JUMPER	Shipping Area	4 Each		LT-17-012069.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.010							
		9 D4728-059P	CABIN LIGHTS HARNESS	Shipping Area	10 Each		LT-17-012198.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.011							
		10 D4728-061P	Cabin Lights Control Relay	Shipping Area	10		LT-17-011998.1
Type of sale: Outright		Customer PO number: PO038184					
Sales Order Number: SO17-01490.012							

>> denotes that the Packing Slip line item has already been printed.



823 McTavish Road N.E.
Calgary, AB Canada
T2E 7G9
403-250-7370 1-800-564-6469
www.eaglecopters.com

MANUFACTURING – RELEASE NOTE (C of C)

Customer: Dart Aerospace
Customer Order #: PO038184
Shipped To: 1270 Aberdeen Street
Hawkesbury Ontario
K6A 1K7

Release Note Reference #: MO54953.1-.4 & .7-.13
Purchase Order #: PO038184
Work Order / MO #: MO54953

ITEM	PART NUMBER	DESCRIPTION	SERIAL NUMBER / Lot Number	MFG Ref. # / Configuration #	WAIVERS	QUANTITY
1	D4728-041P	LH CABIN SPEAKER #1	LT-17-012099	N/A	N/A	20
2	D4728-044P	RH CABIN SPEAKER #2	LT-17-012050	N/A	N/A	10
3	D4728-045P	LH CABIN SPEAKER #3	LT-17-011997	N/A	N/A	15
4	D4728-046P	RH Cabin Speaker #3	LT-17-012068	N/A	N/A	10
5	D4728-051P	CABIN LIGHTS #1	LT-17-012218	N/A	N/A	10
6	D4728-053P	CABIN LIGHTS #2	LT-17-012206	N/A	N/A	10
7	D4728-055P	CABIN LIGHTS #3	LT-17-012207	N/A	N/A	4
8	D4728-057P	PS7J1 JUMPER	LT-17-012069	N/A	N/A	4
9	D4728-059P	CABIN LIGHTS HARNESS	LT-17-012198	N/A	N/A	10
10	D4728-061P	Cabin Lights Control Relay	LT-17-011998	N/A	N/A	10
11	D4728-063P	CABIN TEMP SENSOR JUMPER ASSEMBLY	LT-17-012078	N/A	N/A	6
12						

CERTIFICATE OF COMPLIANCE

EAGLE COPTERS MANUFACTURING CERTIFIES THAT THE PRODUCTS AND OR SERVICES CONTRACTED BY THE PURCHASE ORDER ARE IN ACCORDANCE WITH THE REQUIREMENTS AND ALL APPLICABLE SPECIFICATIONS FOR THE ABOVE LISTED PARTS.


Quality Manufacturing Representative



Nov. 21, 2017
Date